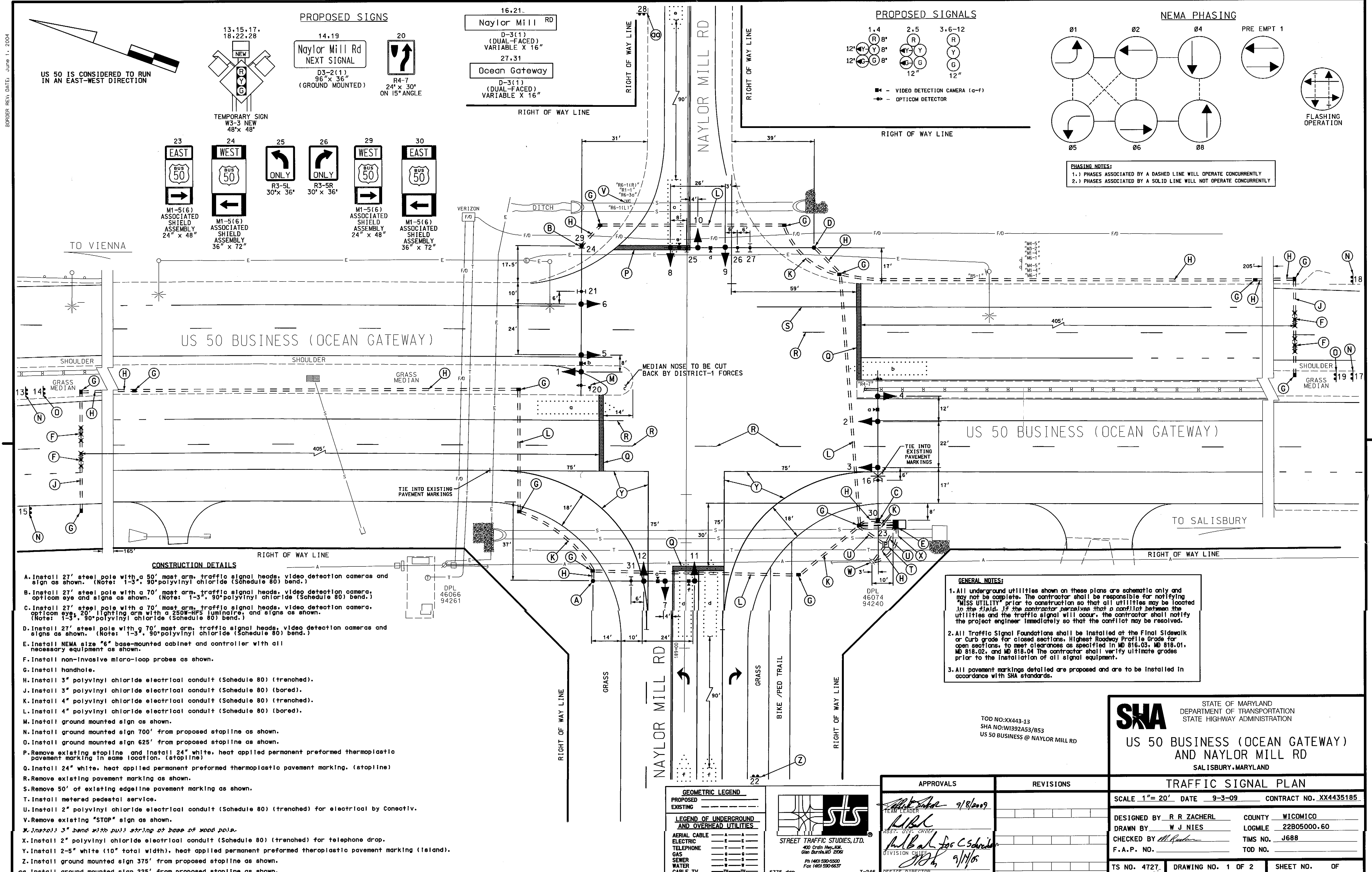


DRILL HOLES

DRILL HOLES

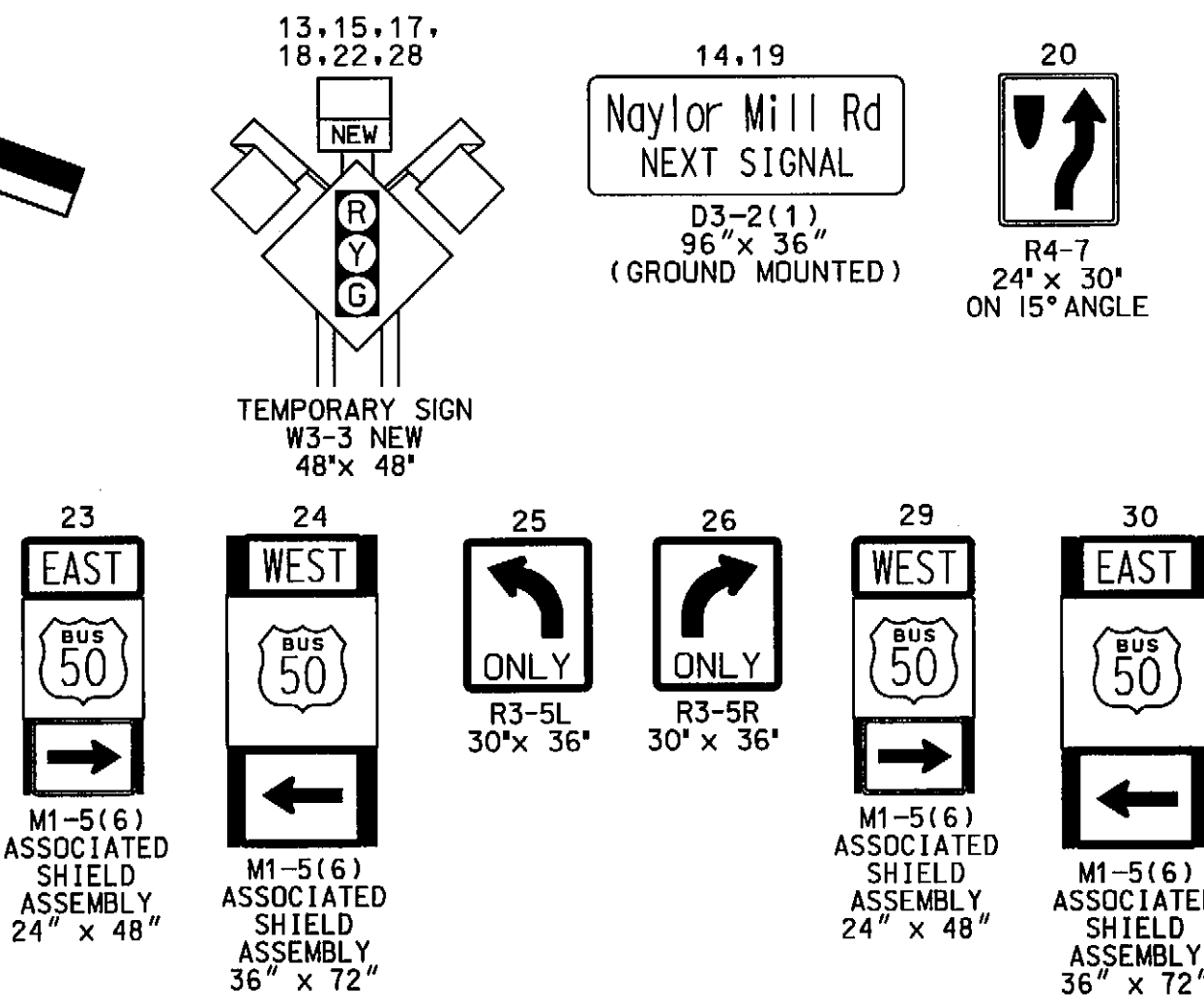
DRILL HOLES



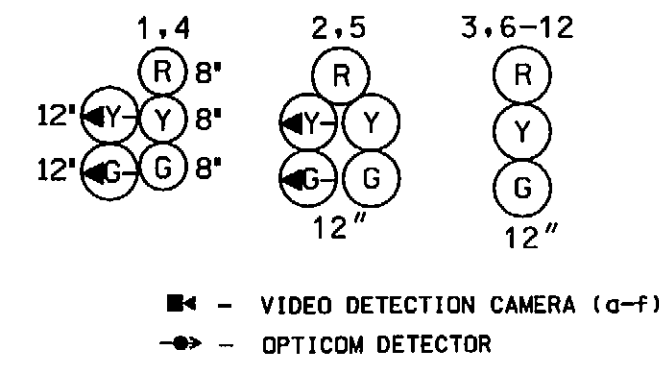
BORDER NEW DATE: June 1, 2004

US 50 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION

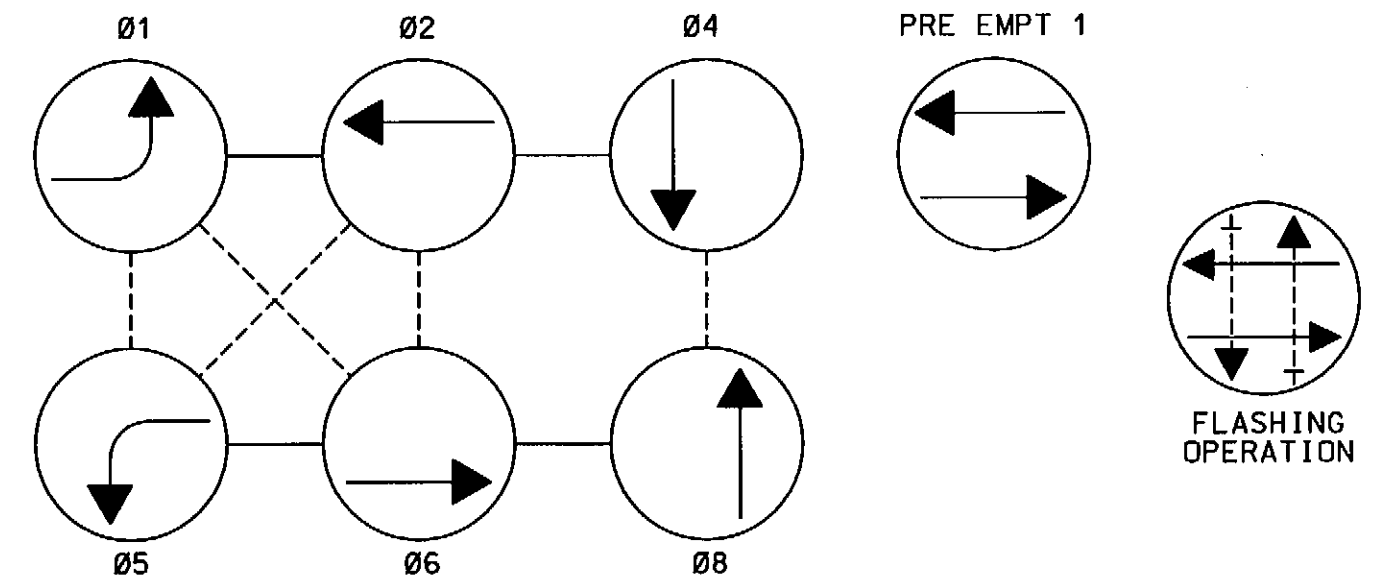
PROPOSED SIGNS



PROPOSED SIGNALS



NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

CONSTRUCTION DETAILS

- A. Install 27' steel pole with a 50' mast arm, traffic signal heads, video detection cameras and sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
- B. Install 27' steel pole with a 70' mast arm, traffic signal heads, video detection camera, opticom eye and signs as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
- C. Install 27' steel pole with a 70' mast arm, traffic signal heads, video detection camera, opticom eye, 20' lighting arm with a 250W-HPS luminaire, and signs as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
- D. Install 27' steel pole with a 70' mast arm, traffic signal heads, video detection cameras and signs as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
- E. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown.
- F. Install non-invasive micro-loop probes as shown.
- G. Install handhole.
- H. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- J. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).
- K. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- L. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).
- M. Install ground mounted sign as shown.
- N. Install ground mounted sign 700' from proposed stopline as shown.
- O. Install ground mounted sign 625' from proposed stopline as shown.
- P. Remove existing stopline and install 24" white, heat applied permanent preformed thermoplastic pavement marking in same location. (stopline)
- Q. Install 24" white, heat applied permanent preformed thermoplastic pavement marking. (stopline)
- R. Remove existing pavement marking as shown.
- S. Remove 50' of existing edgeline pavement marking as shown.
- T. Install metered pedestal service.
- U. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for electrical by Connectiv.
- V. Remove existing "STOP" sign as shown.
- W. Install 3" band with pull string at base of wood pole.
- X. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for telephone drop.
- Y. Install 2-5" white (10" total width), heat applied permanent preformed thermoplastic pavement marking (island).
- Z. Install ground mounted sign 375' from proposed stopline as shown.
- aa. Install ground mounted sign 225' from proposed stopline as shown.

GENERAL NOTES:

- 1. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
- 2. All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections, Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
- 3. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

**US 50 BUSINESS (OCEAN GATEWAY)
AND NAYLOR MILL RD**
SALISBURY, MARYLAND

TRAFFIC SIGNAL PLAN			
SCALE 1"= 20'	DATE 9-3-09	CONTRACT NO. XX4435185	
DESIGNED BY R R ZACHERL	COUNTY WICOMICO		
DRAWN BY W J NIES	LOGMILE 22B05000.60		
CHECKED BY M. R. ...	TMS NO. J688		
F.A.P. NO.	TOD NO.		
TS NO. 4727	DRAWING NO. 1 OF 2	SHEET NO. OF	

GEOMETRIC LEGEND	
PROPOSED	EXISTING
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	A-A
ELECTRIC	E-E
TELEPHONE	T-T
GAS	G-G
SEWER	S-S
WATER	W-W
CABLE TV	TV-TV

ST STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy., NW
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

APPROVALS

TEAM LEADER: *[Signature]* 9/8/2009

ASSIST. DIV. CHIEF: *[Signature]* 9/14/09

DIVISION CHIEF: *[Signature]*

OFFICE DIRECTOR: *[Signature]*

REVISIONS	
NO.	DESCRIPTION

PLOTTED: 9/24/2009 10:00 AM
FILE: 9/24/2009 10:00 AM